

Abstract

To drive an extruder (1) which has several axially parallel shafts (3) rotating in the same direction, with conveyor elements (4), arranged around a circle at equal angles with respect to each other, the shafts (3) are attached to the driven shafts (11) of a gear system, wherein each driven shaft (11) has a pinion (19, 20) and each driven pinion (19, 20) engages both with an externally-toothed drive wheel (21, 22) and with an internally-toothed hollow gear wheel (24, 25), and the externally-toothed drive wheel (21, 22) and the internally-toothed hollow gear wheel (24, 25) are driven with the same torque.

(Figure 3)